



International Civil Aviation Organization

**WORKING PAPER**

A36-WP/260

TE/84

19/9/07

**(Information paper)**

**English only**

**ASSEMBLY — 36TH SESSION**

**TECHNICAL COMMISSION**

**Agenda Item 37: Other air navigation matters**

**THE REPUBLIC OF KOREA – ICAO FELLOWSHIP TRAINING PROGRAMME FOR DEVELOPING COUNTRIES**

(Presented by the Republic of Korea)

**EXECUTIVE SUMMARY**

This paper presents the all paid fellowship training programme for developing countries which has been provided by the Republic of Korea (ROK) according to a Memorandum of Understanding (MoU) signed with the International Civil Aviation Organization (ICAO). Since 2001, ROK has trained 208 fellows from sixty-seven countries in the field of air navigation. ROK will continue to make every possible effort to contribute to the balanced development of international civil aviation.

<i>Strategic Objectives:</i>	This working paper relates to Strategic Objectives A and D in support of safety and balanced development of international civil aviation.
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<i>Financial implications:</i>	N/A (All financial support is assumed by the Republic of Korea)
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<i>References:</i>	N/A
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## 1. INTRODUCTION

1.1 The Republic of Korea (ROK), recognizing that the safety and balanced development of international civil aviation is achieved through continuous training for aviation personnel, as well as the importance of specialized support and cooperation for international civil aviation training, has been inviting fellowships from developing countries to participate in all-paid training programmes since 2001 and has trained 208 aviation personnel from sixty-seven countries to date.

1.2 To further develop this training programme and to provide more countries with opportunities to participate in the programme, the ROK began consultations with ICAO in 2005 and this led to the signing of a Memorandum of Understanding (MoU) with ICAO on 12 September 2006.

1.3 In accordance with the MoU, the ROK will invite 117 training fellowships from developing countries from 2007 to 2009 in order to promote balanced development of international civil aviation.

## 2. TRAINING COURSES OUTLINE

2.1 The programme consists of three training courses including global navigation satellite system (GNSS), DVOR Maintenance, and Radar Approach Control, which will be conducting every year at the Korea Civil Aviation Training Centre (KCATC) by 2009.

- a) **GNSS:** A 2-week course conducted once every year. It gives an introduction to ICAO's GNSS implementation plans and operational status around the world. In addition, GNSS principles and application technologies are transferred to the participating countries for their preparation of foundations for GNSS implementation.
- b) **DVOR Maintenance:** A 3-week course conducted once a year. The purpose of this course is to prepare foundation for development of aviation technologies in the participating countries by improving participants' ability to maintain and manage through basic principles and practice on DVOR developed by the ROK.
- c) **Radar Approach Control:** A 3-week course conducted once a year, which provides the radar approach control theories and practical training under actual conditions using simulators. The purpose of this course is to lay foundation for developing countries to upgrade their ATS capabilities.

### **3. STATUS OF TRAINING COURSES FOR 2007**

#### **3.1 GNSS Course**

3.1.1 The 2007 GNSS Course was implemented from 19 July to 3 August 2007. The ROK originally planned to select thirteen people. But considering the high enthusiasm for the course shown by the ICAO member states (sixty-three people from thirty-one countries) and the need to expand opportunities of GNSS education, eighteen people were selected with KOICA special budget, among whom sixteen trainees attended the education programme.

#### **3.2 DVOR Course**

3.2.1 The 2007 DVOR Course was implemented from 16 August to 5 September 2007. The ROK originally planned to select thirteen people. But considering the high enthusiasm for the course shown by the ICAO member states (sixty-five people from thirty-six countries) and the need to expand opportunities of DVOR education, nineteen people were selected with KOICA special budget.

#### **3.3 RAC Course**

3.3.1 The 2007 RAC Course will be implemented from 21 October to 10 November 2007. ICAO Member States are also highly interested in this course (thirty-six people from twenty-four countries). Sixteen trainees will be invited, and the ROK is having consultations with related organizations.

### **4. IMPLEMENTATION PLANS**

4.1 The plans of fellowship training programme for Developing Countries are as follows:

- a) First, for 3 years beginning 2007, 117 training fellowships will be invited to participate in GNSS, DVOR and Radar Approach Control programmes and the trainees will learn application of aviation technologies as well as the expert knowledge in aviation fields. The number of trainees may increase depending on participation of the ICAO member States;
- b) Second, in order to expand training opportunities, the ROK will open more training courses and invite more trainees after the year of 2010;
- c) Third, the ROK plans to have these independently developed and implemented training courses certified by ICAO as international standard courses with a view to providing more standardized training programmes. It will also take steps to gain certifications for DVOR Maintenance training programme by 2008 and GNSS system training programme by 2009;

- d) Fourth, in order to enhance the quality of education and training in accordance with the Management Services Agreement signed between the ROK and the ICAO on May 2007, the ROK will invite experts from the ICAO and others to give special lectures, secure more field training resources such as DVOR Maintenance system, and build new facilities including a building for global training, so that trainees will have more opportunities to learn under better conditions; and
- e) Fifth, trainees will not only receive practical training but will also have opportunities to visit GNSS facility sites for on-hand experience with advanced navigational technologies and also visit historical and other local places that will allow the trainees to enjoy a pleasant and memorable stay in Korea.

## 5. OTHER RELATED INFORMATION

### 5.1 International Standard Certification by ICAO

5.1.1 The ROK plans to further develop and improve the training courses and eventually have them certified by ICAO as international standard programmes.

### 5.2 Training circumstance

- a) Training will be conducted by the Korea Civil Aviation Training Centre (KCATC), which was established in 1984 with financial and technical assistance from the UNDP and ICAO. It has contributed significantly to the improvement of technical expertise at home and abroad; and
- b) KCATC is not only staffed with outstanding faculty and equipped with most advanced training facilities but also with amenities and leisure facilities for the comfort and convenience of the trainees during their stay.

### 5.3 Expenses

5.3.1 The Government of the Republic of Korea will support all expenses such as training fees, instructor fees, accommodation fees, living expenses (amount set by Korea) and airfare on routes not serviced by the national air carriers of the country of the participant.

## 6. CONCLUSION

6.1 The ROK has provided training programmes to aviation fellowships from developing countries since 2001. In addition, the ROK will upgrade these programmes in cooperation with ICAO to provide more practical support to the participating countries in their enhancement of aviation capabilities and to contribute to further development of international civil aviation. The ROK looks forward to active participation from ICAO Member States in the training programmes.